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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/525,595

03/14/2000

Asawaree P. Kalavade

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08/19/2004

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EXAMINER

DINH, KHANH Q

ART UNIT

PAPER NUMBER

2151

DATE MAILED: 08/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/525,595

Applicant(s)

KALAVADE, ASAWAREE P.

Examiner

Khanh Dinh

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 May 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-20, 22-40 and 42-48 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 2-20, 22-40 and 42-48 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. This is in response to the Amendment and Remarks filed on 5/19/2004.

Claims 2-20, 22-40 and 42-48 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 2-20, 22-40 and 42-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sicher et al US pat. No.6,385,195 in view of Fitch et al., US pat. No.6,647,389.

As to claim 2, Sicher discloses a method for accepting streamed media packets sent from a content provider (using the a radio base station 17 of fig.1) and converting it to a pulse code modulate signal stream comprising:

receiving, via a first interface (14 fig.2), a request for a specified media content available from said content provider (see abstract, col.3 line 14-58 and col.4 line 47 to col.5 line 20).

establishing, responsive to receipt of said request, a session with said content provider to receive said streamed media packets corresponding to said specified media content, said stream media packets being encoded media packets adapted to one of a plurality of encoded streaming media formats and

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transcoding said streamed media packets to form a PCM signal stream corresponding to said specified media content (see col.5 line 21 to col.6 line 61). launching said PCM signal stream onto a network operable to convey said PCM signal stream (see fig.3, col.6 line 27 to col.7 line 67).

Sicher does not specifically disclose a specified media content comprising at least one of live and archived media content. However, Fitch discloses a media content comprising at least one of live and archived media content (see figs.1A-D, 6, col.4 line 4 to col.5 line 50 and col.10 lines 3-65). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Fitch's teaching into the computer system of Sicher to provide various media streams because it would have periodically provided various media streams and identified various characteristics of each stream on the network (see Fitch's col.2 lines 24-63).

As to claims 3 and 4, Sicher discloses launching step is performed over a circuit-switched line interface and signal stream from said network using a client device (see col.6 line 27 to col.7 line 61 and col.8 lines 27-61).

As to claims 5-7, Sicher discloses client device is a telephone, a wireless device or a cellular phone (see col.14 line 33 to col.5 line 55).

As to claims 8-11, Sicer discloses said network is a circuit-switched network, a wired telephony network, wireless telephony network and a cellular network (see col.4 lines 32-55).

As to claims 12-14, Sicer discloses said cellular network is CDMA, TDMA and GSM network (see col.4 line 33 to col.5 line 55).

As to claims 15 and 16, Sicer discloses said specified media content is audio content, and video content (see col.4 line 33 to col.5 line 55).

As to claims 17-20, Sicker discloses said specified media content is streaming text content, IP packets, via an Internet interface and an Internet content provider (see col.4 line 33 to col.5 line 55 and col.8 lines 27-61).

Claims 22-40 are rejected for the same reasons set forth in claims 2-20 respectively.

As to claims 42 and 43, Sicer discloses said PCM signal stream is launched over said circuit switched line interface for delivery to said client user via said circuit-switched network and to a plurality of client users (see col.4 line 33 to col.5 line 55 and col.7 line 48 to col.8 line 45).

Claim 44 is rejected for the same reasons set forth in claim 1. As to the added limitations, Sicer further discloses a service control module (18 fig. 1) coupled with said circuit-switched line interface, said service control module operable to solicit, accept and process said requests from a client user over a circuit-

switched network and a session control module and coupled to an interface to the internet (13 fig.I) (see fig., co1.4 line 47 to co1.5 line 65 and col.7 line 48 to col.8 line 45) and a PCM signal stream is cell casted to said plurality of client users (see col.4 line 33 to col.5 line 55 and col.6 line 28 to col.7 line 47).

As to claims 45 and 46, Sicher further discloses converting said request by utilizing an audio session gateway protocol into a format recognizable by said content provider and cell casting said PCM signal stream over a plurality of circuit-switched connections (see col.4 line 33 to co1.5 line 55 and col.6 line 28 to co1.7 line 47).

As to claims 47-48, Fitch further discloses encoded formats comprising of one of MP3, Windows Media and RealAudio (MP3, col.1 lines 19-48). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement MP3 format into the computer system of Sicher because it would have allowed digital communication between a server computer and a client computer using a wide choice of network protocols (see col.1 lines 19-48).

Response to Arguments

4. Applicant's arguments filed on 5/19/2004 have been fully considered but they are not persuasive.

- Applicant assert that the combined references does not disclose the steps of: " responsive to receipt of said request, a session with said

content provider to receive said streamed media packets corresponding to said specified media content, said stream media packets being encoded media packets adapted to one of a plurality of encoded streaming media formats and transcoding said streamed media packets to form a PCM signal stream corresponding to said specified media content".

Examiner respectfully disagrees. Siche discloses the Applicant's claimed invention by showing "establishing, responsive to receipt of said request, a session with said content provider to receive said streamed media packets corresponding to said specified media content (making the connection of fig.1 for a mobile terminal operating in a TMDA communication system using communications protocols), said stream media packets being encoded media packets adapted to one of a plurality of encoded streaming media formats (PCM or ADPCM conversion of voice frames) and transcoding said streamed media packets to form a PCM signal stream corresponding to said specified media content (using the method of translating Voice AFR and three commonly used Voice-over-IP algorithms, see fig.2, col.5 line 4 to col.6 line 27). Moreover, Siche further discloses using encoding and decoding Voice frames for communications over the Internet (see Table 1, see col.6 lines 10-52).

- Applicant further asserts that the Sicher reference does not disclose a content provider, which provides at least one of live and archived content.

In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See In re Keller, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); In re Merck & Co., 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). In this case, Examiner point outs that the combine of Sicher and Fitch discloses the applicant's claimed invention. In particular, Sicher discloses a content provider (using radio base station 17 of fig.1 to provide radio link transmission over the internet to users, see fig.1, col.4 line 57 to col.5 line 55 and col.7 lines 7-47) and Fitch discloses a media content comprising at least one of live and archived media content (see figs.1A-D, 6, col.4 line 4 to col.5 line 50 and col.10 lines 3-65). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Fitch's teaching into the computer system of Sicher to provide various media streams because it would have periodically provided various media streams and identified various characteristics of each stream on the network (see Fitch's col.2 lines 24-63).

- Applicant further asserts that there is no suggestion to combine the references.

*In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) And *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, it would have periodically provided various media streams and identified various characteristics of each stream on the network (see *Fitch's col.2 lines 24-63*).*

Therefore, the examiner asserts that cited prior art teaches or suggests the subject matter broadly recited in independent claims 2, 22 and 42.

Claims 3-20, 23-40 and 43-48 are also rejected at least by virtue of their dependency on independent claims and by other reasons set forth in the previous office action. Accordingly, claims 2-20, 22-40 and 42-48 are respectfully rejected

Conclusion

5. Claims 2-20, 22-40 and 42-48 are rejected.
6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (703) 308-8528. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (703) 308-8867. The fax phone number for this group is (703) 872-9306.

A shortened statutory period for reply is set to expire THREE months from the mailing date of this communication. Failure to response within the period for response will cause the application to become abandoned (35 U.S.C. SeSect. 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(A).

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305 -9600.


ZARNI MAUNG
PRIMARY EXAMINER

Khanh Dinh
Patent Examiner
Art Unit 2151
8/16/2004